

APPENDIX E

FULL ENVIRONMENTAL CHECKLIST FOR CDBG ECONOMIC DEVELOPMENT APPLICATIONS

All CDBG projects are subject to the National Environmental Policy Act and the Montana Environmental Policy Act. Both laws seek to avoid adverse impacts on the environment by mandating careful consideration of the potential impacts on any development assisted with federal funds or approved by a state agency. In addition, CDBG projects are subject to numerous other state and federal environmental laws. Applicants are encouraged to be sensitive to potential environmental impacts while their CDBG projects are first being planned in order to avoid problems, which could create delays, add to construction costs, or even prevent a project from being implemented. The following environmental checklist has been created for applicants to help them avoid or mitigate potential environmental impacts.

Instructions for Completing the Environmental Checklist **For Montana Economic Development Projects**

The CDBG Certifications for Application form contains a listing of the major federal environmental statutes and regulations, which will apply to all CDBG funded projects. Local officials who have any concerns or questions regarding the potential environmental impacts of their proposed CDBG project or the environmental requirements should contact MDOC for guidance in advance of submitting their application for CDBG funds.

The Environmental Checklist form includes a listing of subject areas relating to potential impacts on the physical or human environment. Applicants must evaluate the potential impact of their project as it relates to each subject area. This may involve an analysis of the impact on a subject area from the proposed project, or conversely, the potential impact on the project from a subject area. For example, a proposed building renovation project may have an effect on certain historic structures, or the existence of a floodplain could have an effect on the location of a proposed, new production facility.

Five potential impacts are listed on the form:

1. **N** - No Impact Anticipated/Not Applicable to This Project;
2. **B** - Potentially Beneficial Impact;
3. **A** - Potentially Adverse Impact;
4. **P** - Agency Approval or Permits Required; and
5. **M** - Mitigation Actions Required.

A space is provided next to each subject area that is to be filled in using at least one of the letters found in the key at the top of each page. The key represents the five alternatives listed above. In some cases, it may be appropriate for the applicant to indicate more than a single alternative. For example, if a potentially adverse impact has been identified, an agency approval or permit may also be required. If impacts on a subject area are anticipated, the applicant must describe the situation in the “comments” section of this form.

Applicants must identify the sources which were consulted to assess the potential impact on or from the project for each subject area. Sources can include studies, plans, documents or the persons, organizations, or agencies contacted. This documentation must be included in the applicant's files. MDOC staff will review the applicant's environmental file during a site visit.

Where a potentially adverse impact is projected, the applicant must provide:

1. a description and analysis of any reasonable alternatives and a justification for the selected alternative; and
2. a listing and evaluation of appropriate short and long-term measures to mitigate the potentially adverse impact.

In most cases, applicants will be able to simply provide a brief response to the categories listed. Environmental information and assistance in preparing the environmental checklist can be obtained from a wide variety of sources. Possible sources of information include local comprehensive plans, preliminary engineering studies, state or federal reports or environmental analyses, knowledgeable individuals in the community, local agencies such as the planning or environmental health office, historical society, conservation district, state agencies (such as the Montana Departments of Fish, Wildlife and Parks or Department of Environmental Quality), and federal agencies such as local offices of the U.S.D.A. Natural Resource & Conservation Service. Should the applicant have questions regarding what agency to contact for additional information pertaining to a particular subject area, they may call the Montana Environmental Quality Council for assistance at (406) 444-3742.

→ Additional information can be obtained through HUD's "Environmental Review Procedures and Regulations for Entities assuming HUD Environmental Responsibilities" training. For more information on environmental training, please contact CDBG staff.

For infrastructure or construction projects, a professional licensed engineer must complete the full environmental checklist.

FULL ENVIRONMENTAL CHECKLIST FOR CDBG ECONOMIC DEVELOPMENT APPLICATIONS

Applicant
:

Local Government:

Environmental Checklist Prepared (Name and Title)

By: (Address)

Telephone Number:

Fax Number:

Key Letter: **N** - No Impact/Not Applicable; **B** - Potentially Beneficial; **A** - Potentially Adverse; **P**- Approval/Permits Required; **M**- Mitigation Required

PHYSICAL ENVIRONMENT

Key	1. Soil Suitability, Topographic and/or Geologic Constraints (e.g., soil lump, steep slopes, subsidence, seismic activity)
_____	<p><i>Comments and Source of Information:</i></p> <p>Potential sources for information: Natural Resource Conservation Service http://nris.state.mt.us/nrcs/soils/ Montana Bureau of Mines and Geology http://www.mbmng.mtech.edu/ United States Geologic Survey http://www.usgs.gov/hazards</p>

<p>Key</p> <hr/>	<p>2. Hazardous Facilities (e.g., power lines, toxic chemicals and gases, hazardous materials, contamination, radioactive substances, acceptable distance from explosive and flammable operations and hazards including chemical/petrochemical storage tanks, underground fuel storage tanks, and related facilities such as natural gas storage facilities and propane storage tanks,)</p> <ul style="list-style-type: none"> • 24 CFR Part 58.5(i)(2)(i) regulation • 24 CFR Part 51B regulations <p><i>Comments and Source of Information:</i></p> <p>Potential sources for information: Montana Department of Environmental Quality Hazardous Waste Program http://www.deq.state.mt.us/HazWaste/index.asp Montana Department of Environmental Quality Underground Tank Program http://www.deq.state.mt.us/UST/USTDownloads.asp Montana Department of Environmental Quality Interactive Maps http://www.deq.mt.gov/rem/InteractiveMaps.asp Environmental Protection Agency EnviroFacts http://www.epa.gov/enviro/index.html Local Power Company</p>
<p>Key</p> <hr/>	<p>3. Effects of Project on Surrounding Air Quality or Any Kind of Effects of Existing Air Quality on Project (e.g., dust, odors, emissions)</p> <ul style="list-style-type: none"> • Clean Air Act of 1970 • 40 CFR Parts 6, 51, & 93 regulations <p><i>Comments and Source of Information:</i></p> <p>Potential sources for information: Montana Department of Environmental Quality Air Resources Management Bureau http://www.deq.state.mt.us/pcd/arm/index.asp Environmental Protection Agency EnviroFacts http://www.epa.gov/enviro/index.html County Health Department</p>

<p>Key</p> <hr/>	<p>4. Ground Water Resources and Aquifers (e.g., quantity, quality, distribution, depth to ground water, sole source aquifers)</p> <ul style="list-style-type: none"> • <i>Safe Drinking Water Act of 1974</i> • <i>40 CFR Part 149 regulations</i> <p><i>Comments and Source of Information:</i></p> <p>Potential sources for information: Montana Bureau of Mines and Geology Ground Water Assessment Program http://www.mbmng.mtech.edu/grwassessment.htm Montana Department of Environmental Quality Water Quality Information http://www.deq.mt.gov/wqinfo</p>
<p>Key</p> <hr/>	<p>5. Surface Water, Water Quality, Quantity and Distribution (e.g., streams, lakes, storm runoff, irrigation systems, canals, Wild and Scenic Rivers listing)</p> <ul style="list-style-type: none"> • <i>Wild and Scenic Rivers Act of 1968</i> <p><i>Comments and Source of Information:</i></p> <p>Potential sources for information: Natural Resource Information System http://nris.state.mt.us/wis/data/surfacewater.htm U.S. Geological Survey Water Resources http://mt.water.usgs.gov/ Montana Department of Environmental Quality Water Quality Information http://www.deq.mt.gov/wqinfo National Wild and Scenic Rivers System http://www.rivers.gov/wildriverslist.html#mt</p>
<p>Key</p> <hr/>	<p>6. Floodplains and Floodplain Management</p> <ul style="list-style-type: none"> • <i>Executive Order 11988</i> • <i>24 CFR Part 55 regulations</i> <p><i>Comments and Source of Information:</i></p> <p>Potential sources for information: Montana Department of Natural Resources and Conservation Floodplain Management http://www.dnrc.mt.gov U.S. Geological Survey Water Resources http://mt.water.usgs.gov/ Federal Emergency Management Agency http://www.msc.fema.gov/</p>

<p>Key</p> <hr/>	<p>7. Wetlands Protection</p> <ul style="list-style-type: none"> • <i>Executive Order 11990</i> <p><i>Comments and Source of Information:</i></p> <p>Potential sources for information: Natural Resource Information System http://nris.state.mt.us/wis/wetlands/ Montana Department of Environmental Quality http://www.deq.state.mt.us/wqinfo/Wetlands/Index.asp U.S. Fish and Wildlife Service http://www.fws.gov/nwi Environmental Protection Agency http://www.epa.gov/owow/wetlands</p>
<p>Key</p> <hr/>	<p>8. Agricultural Lands, Production, and Farm Land Protection (e.g., grazing, forestry, cropland, prime or unique agricultural lands)</p> <ul style="list-style-type: none"> • <i>Farmland Protection Policy Act of 1981</i> • <i>7 CFR Part 658 regulations</i> <p><i>Comments and Source of Information:</i></p> <p>Potential sources for information: Montana Department of Agriculture http://agr.mt.gov Montana Agricultural Statistics Service http://www.nass.usda.gov/mt/</p>
<p>Key</p> <hr/>	<p>9. Vegetation and Wildlife Species and Habitats, Including Fish (e.g., terrestrial, avian and aquatic life and habitats)</p> <p><i>Comments and Source of Information:</i></p> <p>Potential sources for information: Montana Natural Heritage Program http://nhp.nris.state.mt.us/</p>
<p>Key</p> <hr/>	<p>10. Unique, Endangered, Fragile, or Limited Environmental Resources, Including Endangered Species (e.g., plants, fish, or wildlife)</p> <ul style="list-style-type: none"> • <i>Endangered Species Act of 1973</i> <p><i>Comments and Source of Information:</i></p> <p>Potential sources for information: Montana Natural Heritage Program http://nhp.nris.state.mt.us/</p>

Key <hr/>	11. Unique Natural Features (e.g., geologic features) <i>Comments and Source of Information:</i> Potential sources for information: Montana Natural Heritage Program http://nhp.nris.state.mt.us/ Montana Bureau of Mines and Geology http://www.mbmgs.mtech.edu
Key <hr/>	12. Access to, and Quality of, Recreational and Wilderness Activities, Public Lands and Waterways, and Public Open Space <i>Comments and Source of Information:</i> Potential sources for information: Discovering Montana http://www.discoveringmontana.com/tourism/recreation.asp Montana Fish, Wildlife and Parks http://fwp.state.mt.us/parks U.S. Government Recreation Site http://www.recreation.gov/
HUMAN POPULATION	
Key <hr/>	1. Visual Quality - Coherence, Diversity, Compatibility of Use and Scale, Aesthetics <i>Comments and Source of Information:</i> Potential sources for information: Local Planning Department
Key <hr/>	2. Nuisances (e.g., glare, fumes) <i>Comments and Source of Information:</i> Potential sources for information: Local Planning Department County Health Department
Key <hr/>	3. Noise Abatement and Control - suitable separation between housing and other noise sensitive activities and major noise sources (aircraft, highways and railroads.) <ul style="list-style-type: none"> • 24 CFR Part 51B regulations <i>Comments and Source of Information:</i> Potential sources for information: Local Planning Department

<p>Key</p> <p>_____</p>	<p>4. Historic Properties, Cultural, and Archeological Resources</p> <ul style="list-style-type: none"> • 36 CFR Part 800 regulations • National Historic Preservation Act of 1966 • Executive Order 11593, Protection and Enhancement of the Cultural Environment <p><i>Comments and Source of Information:</i></p> <p>Potential sources for information: Montana Historic Preservation Office http://www.his.state.mt.us/shpo/default.asp</p>
<p>Key</p> <p>_____</p>	<p>5. Changes in Demographic (Population) Characteristics (e.g., quantity, distribution, density)</p> <p><i>Comments and Source of Information:</i></p> <p>Potential sources for information: Montana Department of Commerce Census and Economic Information Center http://ceic.commerce.state.mt.us/</p>
<p>Key</p> <p>_____</p>	<p>6. General Housing Conditions - Quality, Quantity, Affordability</p> <p><i>Comments and Source of Information:</i></p> <p>Potential sources for information: Montana Department of Commerce Housing Division http://www.commerce.state.mt.us/Housing/ Montana Association of Realtors http://montanarealtors.org</p>
<p>Key</p> <p>_____</p>	<p>7. Displacement or Relocation of Businesses or Residents</p> <p><i>Comments and Source of Information:</i></p> <p>Potential sources for information: Montana Department of Commerce Census and Economic Information Center http://ceic.commerce.state.mt.us/ Local Chamber of Commerce</p>
<p>Key</p> <p>_____</p>	<p>8. Public Health and Safety</p> <p><i>Comments and Source of Information:</i></p> <p>Potential sources for information: County Health Department</p>

Key <hr/>	9. Local Employment and Income Patterns - Quantity and Distribution of Employment, Economic Impact <i>Comments and Source of Information:</i> Potential sources for information: Montana Department of Labor and Industry Research and Analysis Bureau http://www.ourfactsyourfuture.org/ Montana Department of Commerce Census and Economic Information Center http://ceic.commerce.state.mt.us/
Key <hr/>	10. Local and State Tax Base and Revenues <i>Comments and Source of Information:</i> Potential sources for information: Montana Department of Revenue http://www.discoveringmontana.com/revenue/sitemap.asp
Key <hr/>	11. Educational Facilities - Schools, Colleges, Universities <i>Comments and Source of Information:</i> Potential sources for information: Montana Office of Public Instruction http://www.opi.state.mt.us/ University of Montana Campuses http://mus.montana.edu/campuses.htm
Key <hr/>	12. Commercial and Industrial Facilities - Production and Activity, Growth or Decline <i>Comments and Source of Information:</i> Potential sources for information: Montana Department of Commerce Census and Economic Information Center http://ceic.commerce.state.mt.us/ Local Chamber of Commerce
Key <hr/>	13. Health Care - Medical Services <i>Comments and Source of Information:</i> Potential sources for information: Montana Department of Public Health and Human Services http://www.dphhs.mt.gov/index.shtml County Health Department

Key <hr/>	14. Social Services - Governmental Services (e.g., demand on) <i>Comments and Source of Information:</i> Potential sources for information: Montana Department of Public Health and Human Services http://www.dphhs.mt.gov/index.shtml County Health Department
Key <hr/>	15. Social Structures and Mores (Standards of Social Conduct/Social Conventions) <i>Comments and Source of Information:</i> Potential sources for information: Montana Department of Commerce Census and Economic Information Center http://ceic.commerce.state.mt.us/
Key <hr/>	16. Land Use Compatibility (e.g., growth, land use change, development activity) <i>Comments and Source of Information:</i> Potential sources for information: Local Planning Department
Key <hr/>	17. Energy Resources - Consumption and Conservation <i>Comments and Source of Information:</i> Potential sources for information: Montana Department of Environmental Quality Energize Montana http://www.deq.state.mt.us/Energy/index.asp Local Power Company
Key <hr/>	18. Solid Waste Management <i>Comments and Source of Information:</i> Potential sources for information: Montana Department of Environmental Quality Solid Waste Program http://www.deq.state.mt.us/SolidWaste/index.asp County Health Department Local Public Works Department

Key <hr/>	19. Wastewater Treatment - Sewage System <i>Comments and Source of Information:</i> Potential sources for information: Montana Department of Environmental Quality Public Water Supply Program http://www.deq.state.mt.us/wqinfo/pws/index.asp County Health Department Local Public Works Department
Key <hr/>	20. Storm Water - Surface Drainage <i>Comments and Source of Information:</i> Potential sources for information: Montana Department of Environmental Quality Wastewater Discharge Program http://www.deq.state.mt.us/wqinfo/MPDES/StormwaterConstruction.asp Local Public Works Department
Key <hr/>	21. Community Water Supply <i>Comments and Source of Information:</i> Potential sources for information: Montana Department of Environmental Quality Public Water Supply Program http://www.deq.state.mt.us/wqinfo/pws/index.asp County Health Department Local Public Works Department
Key <hr/>	22. Public Safety - Police <i>Comments and Source of Information:</i> Potential sources for information: Local Police Department
Key <hr/>	23. Fire Protection - Hazards <i>Comments and Source of Information:</i> Potential sources for information: Local Fire Department Montana Department of Justice State Fire Marshall http://doj.mt.gov/enforcement/fireprevention.asp

Key <hr/>	24. Emergency Medical Services <i>Comments and Source of Information:</i> Potential sources for information: County Health Department
Key <hr/>	25. Parks, Playgrounds and Open Space <i>Comments and Source of Information:</i> Potential sources for information: Local Planning Department Local Parks and Recreation Department
Key <hr/>	26. Cultural Facilities, Cultural Uniqueness, and Diversity <i>Comments and Source of Information:</i> Potential sources for information: Montana Department of Commerce Census and Economic Information Center http://ceic.commerce.state.mt.us/
Key <hr/>	27. Transportation Networks and Traffic Flow Conflicts (e.g., rail; auto including local traffic; airport runway clear zones, accident potential zones - avoidance of incompatible land use in airport runway clear zones) <ul style="list-style-type: none"> • 24 CFR Part 51B regulations <i>Comments and Source of Information:</i> Potential sources for information: Montana Department of Transportation http://www.mdt.mt.gov Local Planning Department
Key <hr/>	28. Consistency with Local Ordinances, Resolutions, or Plans (e.g., conformance with local comprehensive plans, zoning, or capital improvement plans) <i>Comments and Source of Information:</i> Potential sources for information: Local Planning Department
Key <hr/>	29. Is There a Regulatory Action on Private Property Rights as a Result of this Project? (consider options that reduce, minimize, or eliminate the regulation of private property rights).

<p>Key</p> <hr/>	<p>30. Environmental Justice</p> <ul style="list-style-type: none"> • Executive Order 12898 <p><i>Comments and Source of Information:</i></p>
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